_	TIFICATE OF C FIELD INSPEC	_	Y CHE	CKI	_IS	T								(	EN Page	V-1C 1 of 4)
Project 1	Name:									Date:			Clin	nate Zo	ne:	
Project Address:									Con	Conditioned Floor Area:						
Gener	al Information															
Buildi	ng Type:	■ Nonresidential	_ <b>□</b> I	High-F	Rise	Resi	denti	al	[	☐ Hote	el/Motel	Guest R	oom			
☐ Sch☐ Sky	nools (Public School) light Area for Large l	■ Relocatable P Enclosed Space ≥ 8	ublic Sch 3000 ft <sup>2</sup> (	ool B If che	ldg. ckec	d inc	Con lude t	dition	oned ENV	l Space '-4C w	es 🗖 Uith subm	Jncondit ittal)	ioned	Space	s	
Phase of Construction: ☐ New Construction ☐ Addition ☐ Alteration																
Approach of Compliance: ☐ Component ☐ Overall Envelope ☐ Unconditione									ned (fi	le affid	avit)					
Front (	Front Orientation: N, E, S, W or in Degrees:															
		FIELD INS	SPEC:	ГЮ	N I	EN	ER	GY	<b>C</b>	HEC	CKLIS	ST				
OPA(	QUE SURFACE DE	TAILS	_													
Tag/ ID	Assembly Name <sup>1</sup>	Frame Type <sup>2</sup>	Furring framing Material <sup>3</sup>		Surface Area	Surface	Orientation N, S, W, E	Cavity	R-Value	Continuous R-Value	Exterior Furring framing R-Value <sup>4</sup>	Interior Furring framing R-Value <sup>4</sup>	Conditions Status <sup>5</sup>	Special Feature <sup>6</sup>	Pass	Fail <sup>7</sup>
2. Indica 3. Enter 4. Indica 5. Indica 6. Indica 7. If Fai	ate the identifying name of ate type of Assembly Type so the framing material type ate furring R-value when fute Status of fenestration (Nate Special Feature on Page 1, then describe on Page 2	such as Wood 2x4 or LV (wood or metal)and re urred wall are being use New, Existing or Upgra te 2 of the Inspection Check of the Inspection Check	W CMU 8". fer to ENV- ed. de). hecklist For	. For a -2C Fu rm belo	dditio rring w.	onal o g Strij	other as ps Co	sseml nstru	bly ty iction	n works	heet.					
Tag /ID <sup>1</sup>	Fenestr Typ		Surface Area	Surface Orientation	N, S, W, E	# of Panes	Max II-Factor	Max	(R)SHGC	Source <sup>3</sup>	Overhang	Conditions Status <sup>4</sup>	Special	Feature	Pass	Fail <sup>6</sup>
2. Indicate 3. Indicate 4. Indicate 5. Indicate 5.	ate the identifying name of ate type of construction Ty ate if the efficiency values o ate Status of fenestration (1 ate Special Feature on Pag il then describe on Page 2	pe such, Window, Glas are from the NFRC Lab New, Existing or Upgra ge 2 of the Inspection C	s Door, Cur pel Certifica (de). hecklist Foo	ate or fr rm belo	rom ti ow.	he CE	C Defi	ault V								

CERTIFICATE OF COMPLIANCE ENV-1C												
AND FIELD INSPECTION ENERGY CHECKLIST (Page 2 of 4)  Project Name: Date: Climate Zone:									of 4)			
								Cimi	ite Zone.			
DOOEING D	DODIA	TT (C)	OOL D	OOFS								
(Note if the roofing					anliance annroach	cant	not he used	) Go to Overa	II Envelone	Approach	n or	
(Note if the roofing product is not CRRC certified, this compliance approach cannot be used). Go to Overall Envelope Approach or Performance Approach.												
CHECK APPLICABI	LE BOX BI	ELOW IF	EXEMPT	FROM TH	E ROOFING PROI	OUC	Γ "COOL R	OOF" REQUIR	EMENTS:	Pass	Fail <sup>1</sup>	NA
☐ Roofing complian	☐ Roofing compliance <u>not</u> required in Climate Zones 1 and 16 with a Low-Sloped. 2:12 pitch or less.											
□ Roofing compliance <u>not</u> required in Climate Zone 1 with a Steep-Sloped with less than 5 lb/ft². Greater than 2:12 pitch.												
Low-sloped Wood framed roofs in Climate Zones 3 and 5 are exempted solar relectance and thermal emittance or SRI that have a U-factor of 0.039 or lower. See Opaque Surface Details roof assembly, Column H of ENV-2C.												
☐ Low-sloped Meta					5 are exempted sol Surface Details roof							
☐ The roof area cov	vered by bu	uilding in	ntegrated p	hotovoltaic	panels and building	g int	tegrated sol	ar thermal pane	els are			
■ exempted solar ■ Roof construction					. See spredsheet ca nembrane with a w					e _		
Cool Roof criteri	ia below.								•	Ц		
☐ High-rise residen sloped roofing cr		ngs and h	otels and	motels with	low-sloped roofs i	n Cl	imate Zone	s 1 through 9, 1	2 and 16 ar	e exempte	d from the	e low-
1.If Fail then describ		page of th	he Inspect	ion Checklis	st Form and take ap	pprop	priate actio	n to correct. V	erify buildir	ng plans if	necessar	v.
		~-			_ ,							
CRRC Product ID Number <sup>1</sup>	Roof S ≤ 2:12	Slope > 2:12	Produc < 5lb/ft <sup>2</sup>	t Weight $\geq 5 lb/ft^2$	Product Type <sup>2</sup>	Ag Rei	ged Solar flectance <sup>3</sup>	Thermal Emmitance	SRI <sup>5</sup>	Special Feature <sup>6</sup>	Pass	Fail <sup>7</sup>
					J 1	$\square^4$						
						□⁴						
						□⁴						
						$\square^4$						
1. The CRRC Product ID Number can be obtained from the Cool Roof Rating Council's Rated Product Directory at <a href="https:/www.coolroofs.org/products/search.php">www.coolroofs.org/products/search.php</a> 2. Indicate the type of product is being used for the roof top, i.e. single-ply roof, asphalt roof, metal roof, etc. 3. If the Aged Reflectance is not available in the Cool Roof Rating Council's Rated Product Directory then use the Initial Reflectance value from the same directory and use the equation (0.2+0.7(\$\mathbb{p}\)_{initial} - 0.2) to obtain a calculated aged value. Where \$\mathbb{p}\ is the Initial Solar Reflectance. From the Cool Roof Rating Council's Rated Product Directory. 4. Check box if the Aged Reflectance is a calculated value using the equation above. 5. The SRI value needs to be calculated from a spredsheet calculattor at http://www.energy.ca.gov/title24/ 6. Indicate Special Feature on Page 2 of the Inspection Checklist Form below. 7. If Fail then describe on this page of the Inspection Checklist Form and take appropriate action to correct. Verify building plans if necessary. To apply Liquid Field Applied Coatings, the coating must be applied across the entire roof surface and meet the dry mil thickness or coverage recommended by the coatings manufacturer and meet minimum performance requirements listed in §118(i)4. Select the applicable coating:  \$\mathbb{\text{Aluminum-Pigmented Asphalt Roof Coating}} \mathbb{\text{Cement-Based Roof Coating}} \mathbb{\text{Other}} \mathbb{\text{Other}} \mathbb{\text{Other}} \mathbb{\text{Other}} \mathbb{\text{Directory beautiful Pother}} \mathbb{\text{Other}} \mathbb{\text{Directory beautiful Pother}} \mathbb{\text{Other}} \mathbb{\text{Directory beautiful Pother}} \text{Directory beautiful P												
SPECIAL FE	ATUR	ES INS	SPECT	ION CH	IECKLIST							
The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.												
Discrepancies:												
Discrepancies.												

CERTIFICATE OF COMPLIANCE		ENV-1C
AND FIELD INSPECTION ENERGY CHECKLIST		(Page 3 of 4)
Project Name:	Date:	Climate Zone:

## **Required Acceptance Tests**

## **Designer:**

This form is to be used by the designer and attached to the plans. Listed below is the acceptance test for Envelope Fenestrations system. The designer is required to check the acceptance tests and list all the fenestration products that require an acceptance test. If all the site-built fenestration of a certain type requires a test, list the different fenestration products and the number of systems. The NA7 Section in the Appendix of the Nonresidential Reference Appendices Manual describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.

## **Enforcement Agency:**

**Systems** Acceptance. Before Occupancy Permit is granted for a newly constructed building or space or when ever new fenestration is installed in the building or space shall be certified as meeting the Acceptance Requirements.

The ENV-2A form is not considered a complete form and is not to be accepted by the enforcement agency unless the boxes are checked and/or filled and signed. In addition, a Certificate of Acceptance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of §10-103(b) of Title 24 Part 6. The field inspector must receive the properly filled out and signed forms before the building can receive final occupancy. A copy of the ENV-2A for each different fenestration product line must be provided to the owner of the building for their records.

Test Description		ENV-2A	Test Performed By:
	Number	Building	•
Fenestration Products Name or ID	of like	Envelope	
Requiring Testing or Verification	Products	Acceptance Test	

	OF COMPLIANCE	<b></b>			ENV-1C				
	SPECTION ENERGY CHECKLIS	SI	D-4		(Page 4 of 4)				
Project Name:			Date:		Climate Zone:				
			l						
	<b>Author's Declaration Statement</b> this Certificate of Compliance documenta	ition is accu	rate and co	omplete.					
Name:		Signature:		F					
Company:		<u> </u>		Date:					
Address:				If Applicable: CEA # CEPE #					
City/State/Zip:				Phone:					
<ul> <li>Principal Designer's Declaration Statement</li> <li>I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the design.</li> <li>This Certificate of Compliance identifies the envelope features and performance specifications required for compliance with Title 24, Parts 1 and 6 of the California Code of Regulations.</li> <li>The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.</li> </ul>									
Name:		Signature:							
Company:		I		Date:					
Address: License #									
City/State/Zip:				Phone:					
Envelope Mandator Indicate location on	ry Measures building plans of Mandatory Envelope Mea	asures Note	Block:						
INSTRUCTIONS T	O APPLICANT ENVELOPE COMPLI	ANCE &	WORKSH	EETS (check box	if worksheet are included)				
For detailed instruction Manual.	ns on the use of this and all Energy Efficiency S	tandards cor	npliance for	ms, please refer to ti	he Nonresidential Compliance				
■ ENV-1C	Certificate of Compliance and Field Inspections Energy Checklist. Required on plans for all submittals.								
■ ENV-2C	Use with the Envelope Component Approach. Optional on plans.								
□ ENV-3C	Use with the Overall Envelope TDV Energy Approach. Optional on plans.								
□ ENV-4C	Use when minimum skylight requirements for large enclosed spaces are required in climate zones 2 through 15. Optional on plans.								